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Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 42870  
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Title of Invention: Ball Grid Array Package  
Substrates and Method of  
Making the Same  
First Named Inventor: Reza-Ur Khan  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2001-12-18  
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Submission Type: Information Disclosure  
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Confirmation number: 7969  
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## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	Ball Grid Array Package Substrates and Method of Making the Same							
<p>Application Number: 10/020207 Date: 2001-12-18 First Named Applicant: Reza-Ur Khan  Confirmation Number: 7969 Attorney Docket Number: 1875.1640000</p>								
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Jeffrey S. Weaver	/jsw/	Attorney						
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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5045921</td><td>1991-09-03</td><td>Lin et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5291062</td><td>1994-03-01</td><td>Higgins, III</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5397917</td><td>1995-03-14</td><td>Ommen et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5490324</td><td>1996-02-13</td><td>Newman</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5572405</td><td>1996-11-05</td><td>Wilson et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5583377</td><td>1996-12-10</td><td>Higgins, III</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5583378</td><td>1996-12-10</td><td>Marrs et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>3790866</td><td>1974-02-05</td><td>Meyer et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5578869</td><td>1996-11-26</td><td>Hoffman et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5642261</td><td>1997-06-24</td><td>Bond et al.</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5045921	1991-09-03	Lin et al.					2	5291062	1994-03-01	Higgins, III					3	5397917	1995-03-14	Ommen et al.					4	5490324	1996-02-13	Newman					5	5572405	1996-11-05	Wilson et al.					6	5583377	1996-12-10	Higgins, III					7	5583378	1996-12-10	Marrs et al.					8	3790866	1974-02-05	Meyer et al.					9	5578869	1996-11-26	Hoffman et al.					10	5642261	1997-06-24	Bond et al.			
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	40	6163458	2000-12-19	Li	
	41	6166434	2000-12-26	Desai et al.	
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	45	6347037	2002-02-12	Iijima et al.	B2
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	49	6069407	2000-05-30	Hamzehdoost

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010045644	2001-11-29	Huang	A1		
	2	20020109226	2002-08-15	Khan et al.	A1		

## Signature

Examiner Name	Date